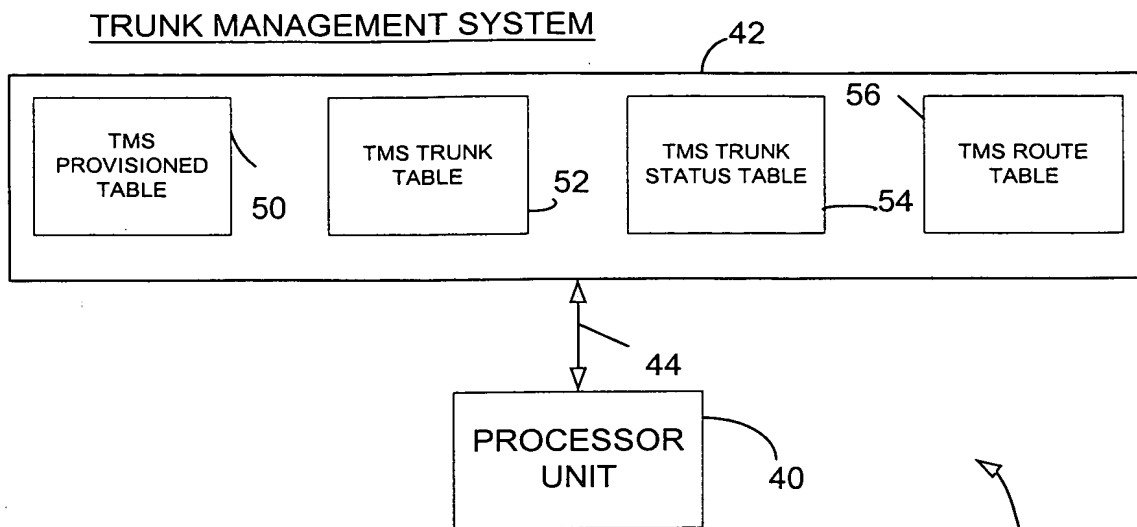
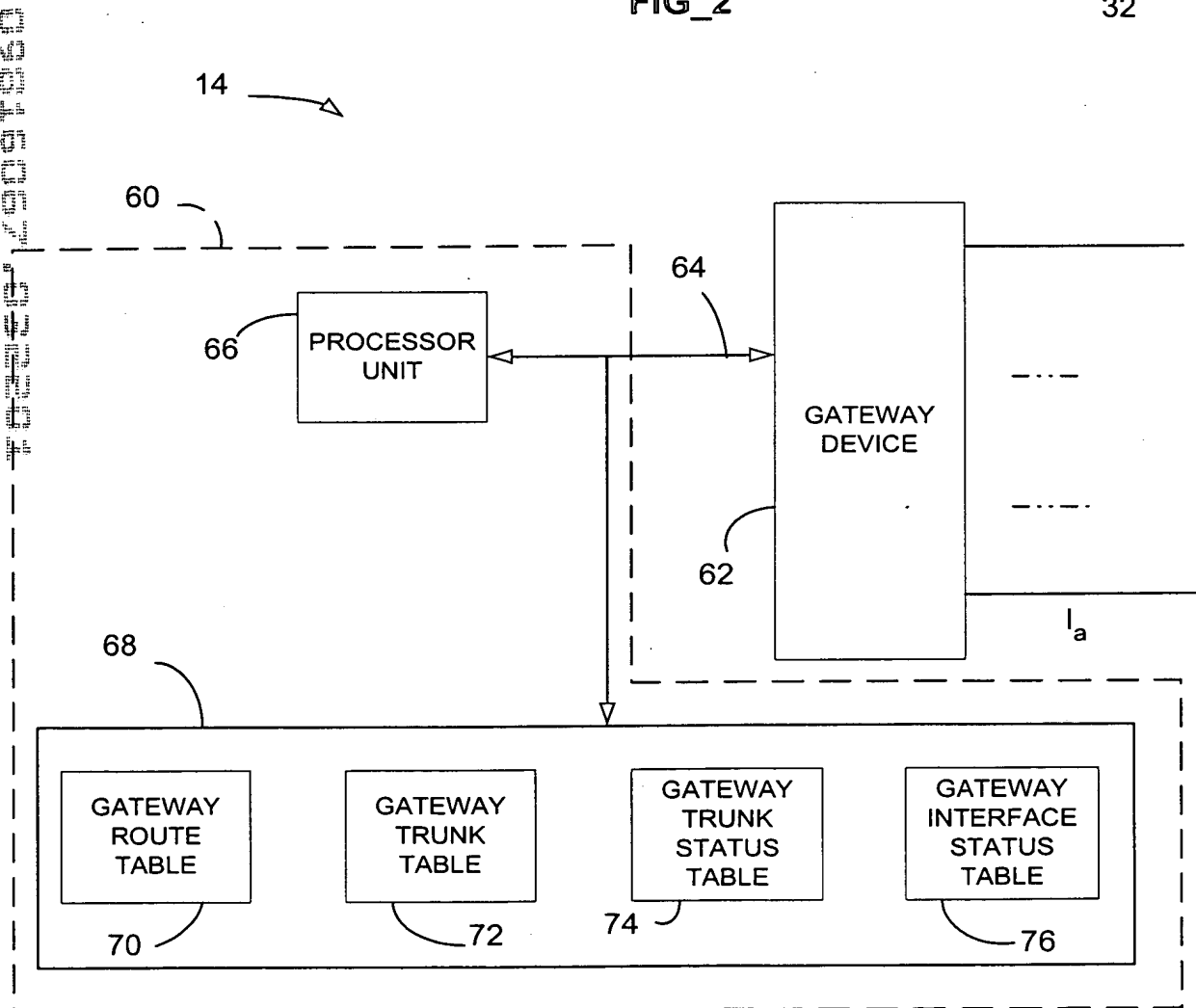


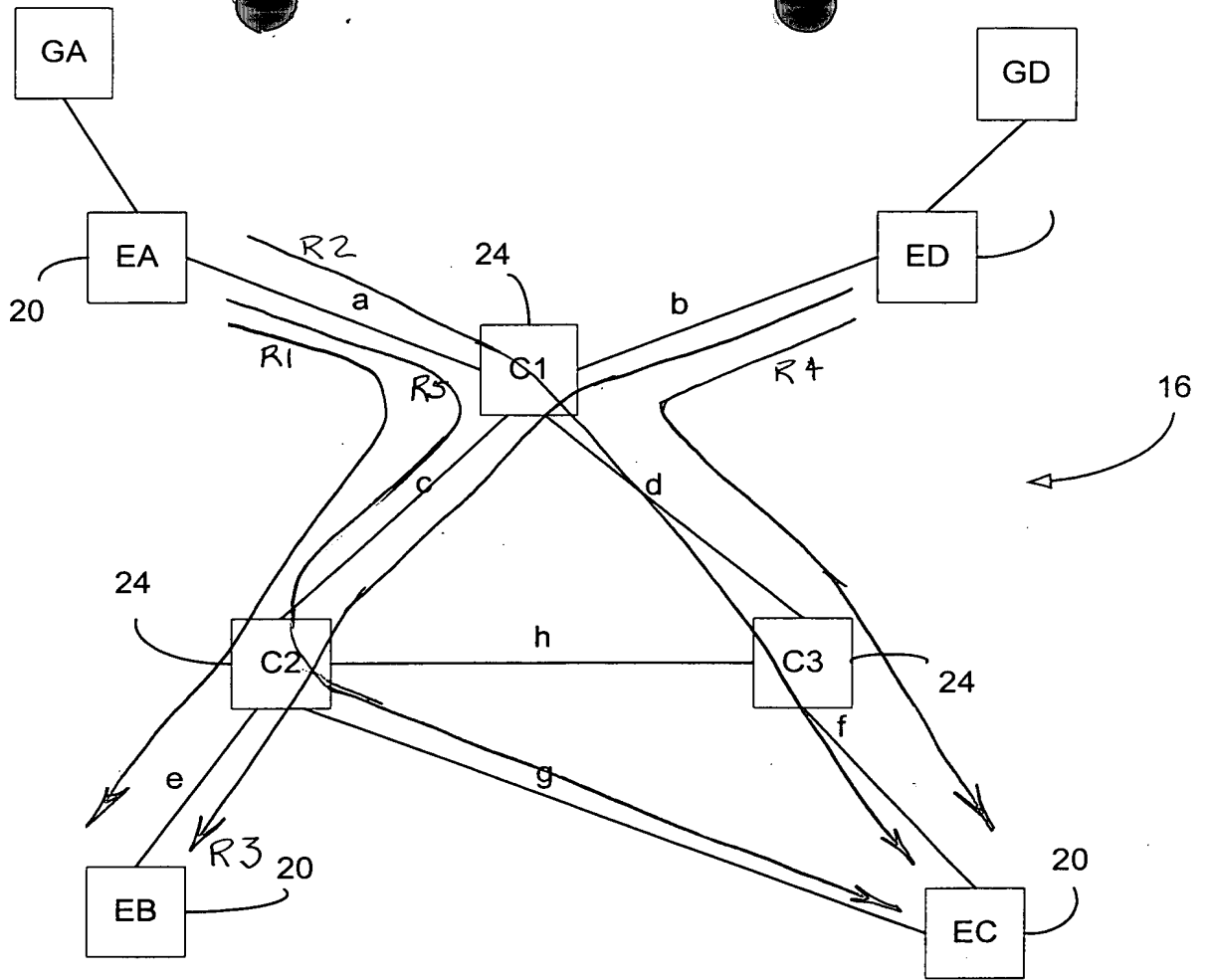
FIG_1



FIG_2



FIG_3



FIG_4

TMS ROUTE TABLE

| Gateway | Connection | Route | Link |
|---------|------------|-------|---------|
| GA | EA-EB | R1 | a, c, e |
| | EA-EC | R2 | a, d, f |
| | | R5 | a, c, g |
| GD | ED-EB | R3 | b, c, e |
| | ED-EC | R4 | b, d, f |

FIG_5

80A

| Gateway | Connection | Route | Link |
|---------|------------|-------|---------|
| GA | EA -> EB | R1 | a, c, e |
| | EA -> EC | R2 | a, d, f |
| | | R5 | a, c, g |

80B

FIG_6A

| Gateway | Connection | Route | Link |
|---------|------------|-------|---------|
| GD | ED -> EB | R3 | b, c, e |
| | ED -> EC | R4 | b, d, f |

FIG_6B

92

94

| Provisioned Link | Bandwidth |
|------------------|-----------|
| EA->C1 | 100 |
| C1->C2 | 100 |
| C2->EB | 100 |
| ED->C1 | 100 |
| E1->C3 | 100 |
| C3->EC | 100 |
| C2->EC | 50 |

90

FIG_7

**GATEWAY (GA) TRUNK
TABLE**

| Trunk | Provisioned Link | Bandwidth |
|-------|------------------|-----------|
| Aa | EA->C1 | 100 |
| Ac | C1->C2 | 50 |
| Ad | C1->C3 | 50 |
| Ae | C2->EB | 50 |
| Af | C3->EC | 50 |
| Ag | C2->EC | 50 |

100A

FIG_8A

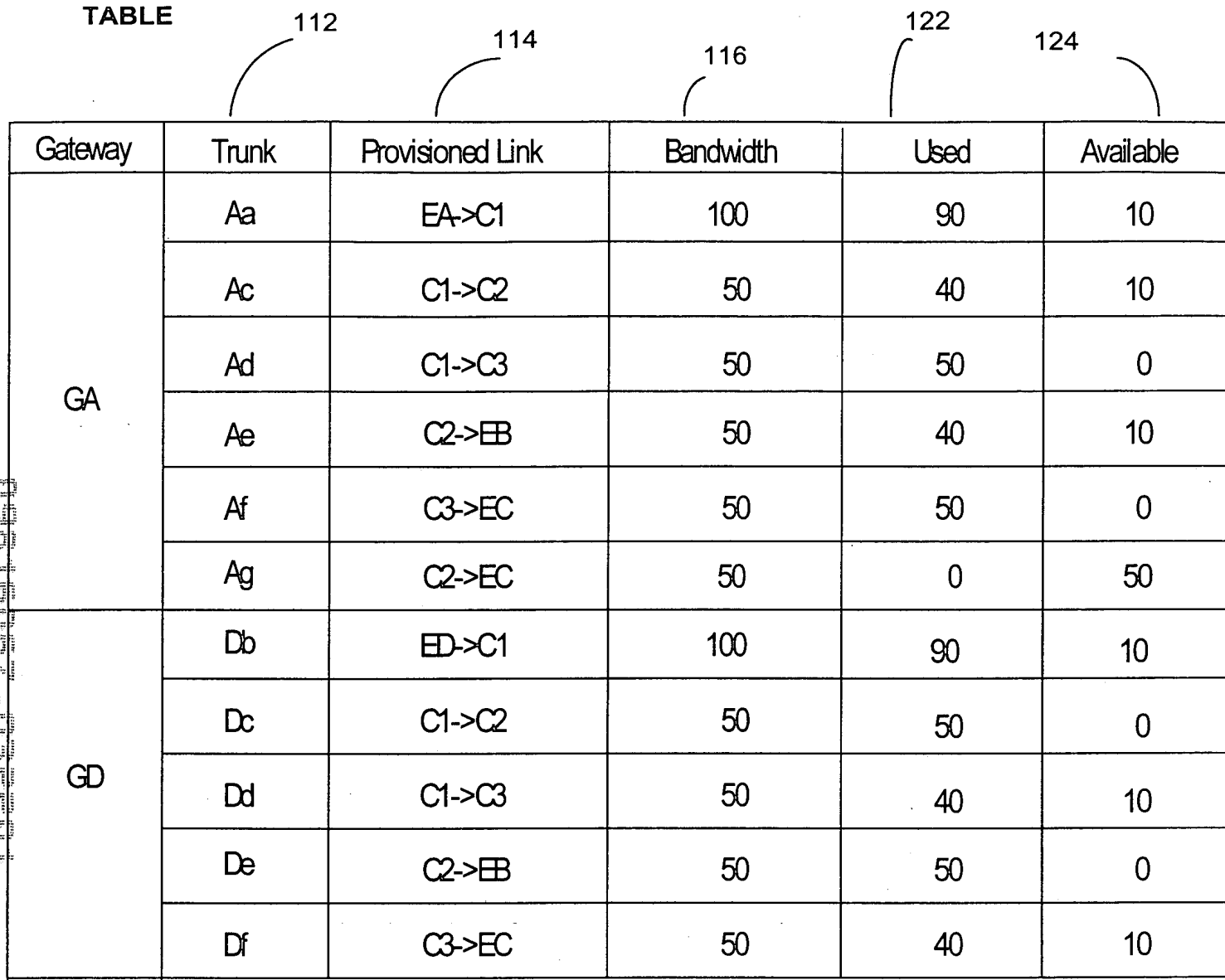
**GATEWAY (GD) TRUNK
TABLE**

| Trunk | Provisioned Link | Bandwidth |
|-------|------------------|-----------|
| Db | ED->C1 | 100 |
| Dc | C1->C2 | 50 |
| Dd | C1->C3 | 50 |
| De | C2->EB | 50 |
| Df | C3->EC | 50 |

100B

FIG_8B

**TMS TRUNK STATUS
TABLE**



The diagram shows a table with six columns. Callout 110 points to the top right corner of the table. Callout 112 points to the 'Trunk' column. Callout 114 points to the 'Provisioned Link' column. Callout 116 points to the 'Bandwidth' column. Callout 122 points to the 'Used' column. Callout 124 points to the 'Available' column.

| Gateway | Trunk | Provisioned Link | Bandwidth | Used | Available |
|---------|-------|------------------|-----------|------|-----------|
| GA | Aa | EA->C1 | 100 | 90 | 10 |
| | Ac | C1->C2 | 50 | 40 | 10 |
| | Ad | C1->C3 | 50 | 50 | 0 |
| | Ae | C2->EB | 50 | 40 | 10 |
| | Af | C3->EC | 50 | 50 | 0 |
| | Ag | C2->EC | 50 | 0 | 50 |
| GD | Db | ED->C1 | 100 | 90 | 10 |
| | Dc | C1->C2 | 50 | 50 | 0 |
| | Dd | C1->C3 | 50 | 40 | 10 |
| | De | C2->EB | 50 | 50 | 0 |
| | Df | C3->EC | 50 | 40 | 10 |

FIG_9

**GATEWAY (GA) TRUNK
STATUS TABLE**

| Trunk | Provisioned Link | Bandwidth | Used | Available | Link |
|-------|------------------|-----------|------|-----------|------|
| Aa | EA->C1 | 100 | 90 | 10 | a |
| Ac | C1->C2 | 50 | 40 | 10 | c |
| Ad | C1->C3 | 50 | 50 | 0 | d |
| Ae | C2->EB | 50 | 40 | 10 | e |
| Af | C3->EC | 50 | 50 | 0 | f |
| Ag | C2->EC | 50 | 0 | 50 | g |

FIG_10A

**GATEWAY (GD) TRUNK
STATUS TABLE**

| Trunk | Provisioned Link | Bandwidth | Used | Available | Link |
|-------|------------------|-----------|------|-----------|------|
| Db | ED->C1 | 100 | 90 | 10 | b |
| Dc | C1->C2 | 50 | 50 | 0 | c |
| Dd | C1->C3 | 50 | 40 | 10 | d |
| De | C2->EB | 50 | 50 | 0 | e |
| Df | C3->EC | 50 | 40 | 10 | f |

FIG_10B

**INTERFACE STATUS
TABLE (GATEWAY GA)**

140A

| Interface | Bandwidth | Used | Available |
|-----------|-----------|------|-----------|
| G(1) | 100 | 80 | 20 |
| G(2) | 50 | 20 | 30 |
| G(3) | 50 | 30 | 20 |
| G(4) | 50 | 10 | 40 |
| G(5) | 50 | 20 | 30 |

FIG_11

150

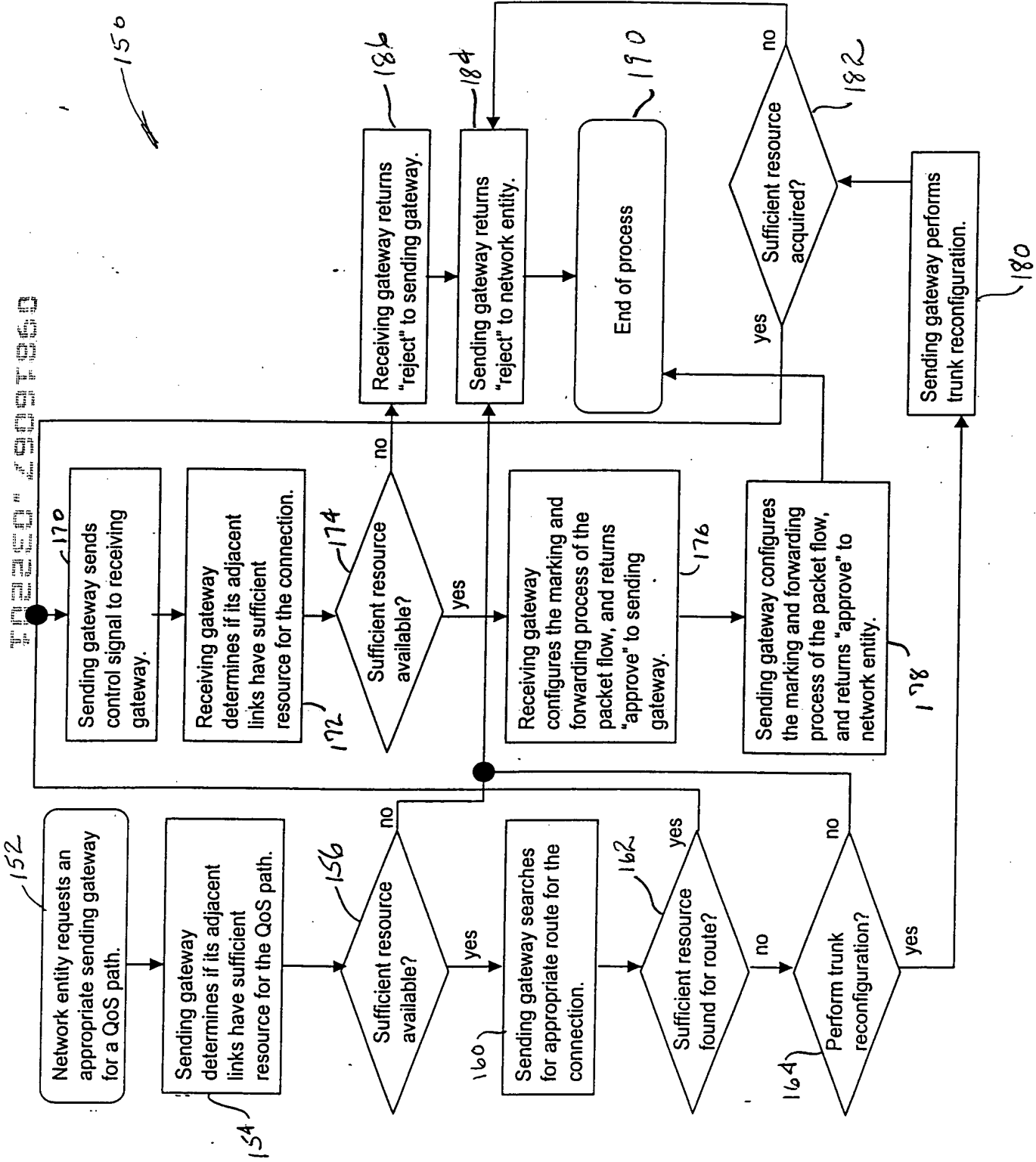


FIG-12

FIG. 13

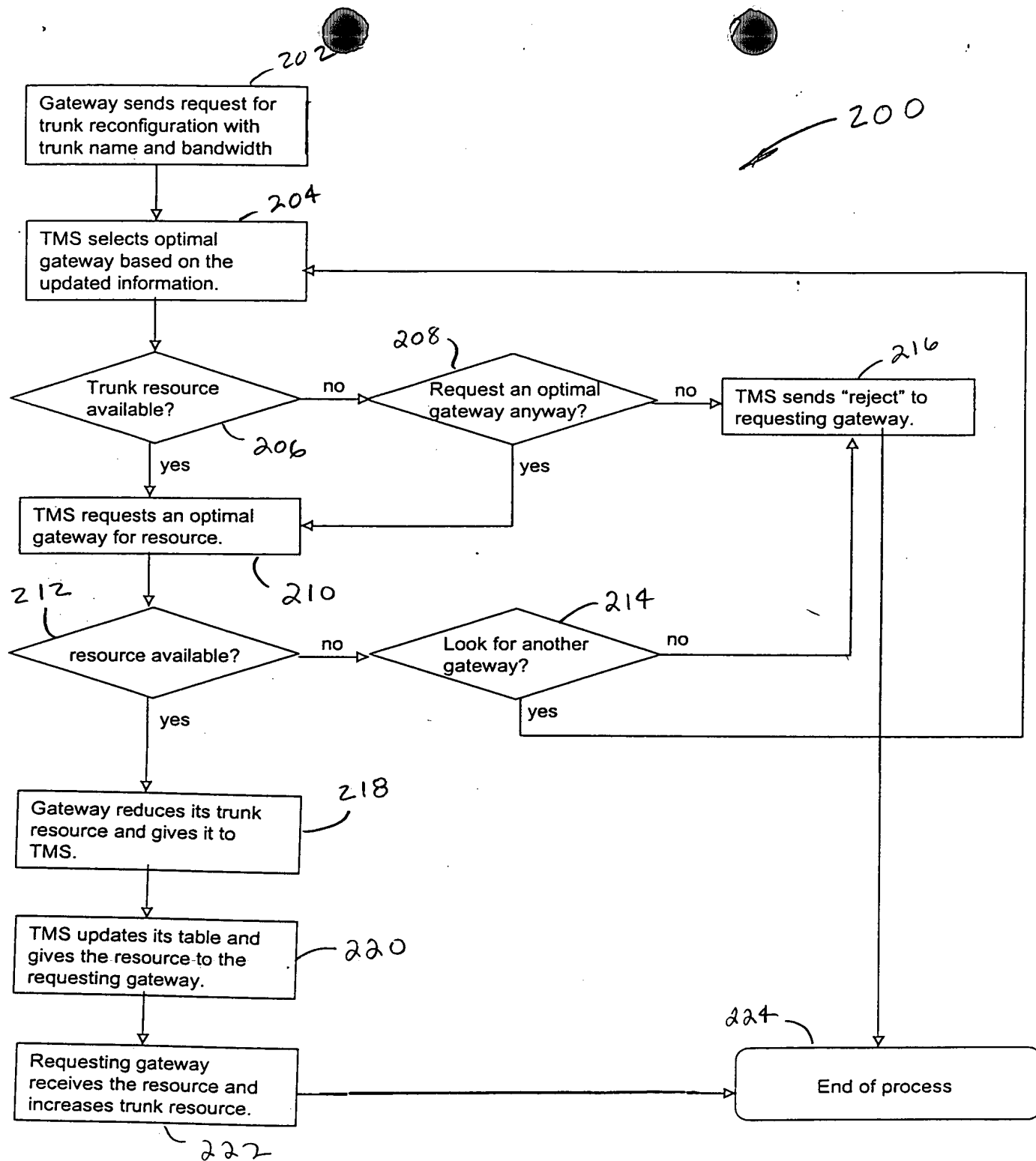


FIG. 13